

The Heterodyne

Newsletter of the West Valley Amateur Radio Association

January Meeting via Zoom

***The Quest for the Ultimate DX —
Are We Alone in the Universe?
by Dr. Seth Shostak, N6UDK***

**Wednesday, January 13
Meeting Starts at 7pm
Visitors Are Welcome!**

***Due to the corona virus, there will not
be a meeting at American Red Cross.***

Zoom Meeting Information: Zoom details have been released via the WVARA email reflector. If you aren't yet a WVARA member and would like to attend, feel free to contact me via k6ei@wvara.org for the Zoom meeting details.

WVARA Repeaters (W6PIY)		
Band	Frequency	PL
6 Meters	52.580- MHz	151.4 Hz
2 Meters	147.39+ MHz	151.4 Hz
1.25 Meters	223.96- MHz	156.7 Hz
0.70 Meter	441.35+ MHz	88.5 Hz
0.23 Meter	1286.2- MHz	100 Hz

Club Net

WVARA's club net is on the W6PIY repeaters each Tuesday at 8:30 pm. All repeaters are linked together during the net. The net script can be found at www.wvara.org/net.html.



The Allen Telescope Array, formerly known as the One Hectare Telescope, is a radio telescope array dedicated to astronomical observations and a simultaneous search for extraterrestrial intelligence.

Are you curious about how radio technology is being used for alien exploration in the universe? Join Dr. Seth Shostak, N6UDK, Senior Astronomer with the Search for Extra Terrestrial Intelligence (SETI) Institute, for a discussion on the possibility of discovering sophisticated civilizations much like our own. Learn about the approaches being applied to alien detection including RF- and signal-related technology. And if you can't wait, you can get started now by reading Dr Shostak's book *Confessions of an Alien Hunter* (published by National Geographic).

About our January speaker: In addition to being a licensed radio amateur and a radio astronomer, Dr Seth Shostak has a B.A. in physics from Princeton and a PhD. in astronomy from Caltech. He did research in radio astronomy at several observatories before joining SETI. He has published numerous articles in professional journals as well as a number of popular magazines. He is the host of the SETI Institute's weekly radio program on science. He is also responsible for many outreach activities for the SETI Institute.

In addition to Seth's presentation, Steve Sergeant (KC6ZKT) will update us on WVARA's plans for Winter Field Day and how you can get involved.

February presentation: "Finding and Killing Receive Noise" by Gary Johnson, NA6O.

WVARA's February 10 Zoom meeting will be focused on how to reduce/eliminate RF noise before it gets into your transceiver. Gary Johnson, NA6O, will tell us about how RF interference to amateur radio is steadily increasing due to the extensive use of switchmode converters in countless modern electronic devices. In this talk, we will learn about these noise sources, how to locate them, and a number of techniques to reduce their effects. Lists of references and resources will be provided.

Jim, K6EI, WVARA Vice President

WVARA Net Check-Ins (W6PIY)						
Tuesdays at 8:30 PM						
Call Sign	Name	12/08/20	12/15/20	12/22/20	12/29/20	01/05/21
Total		12	19	17	16	19
AA6RB	Roy	X	X			
AF6AE	Bill	X	X	X	X	
K6EI	Jim	X		X	X	X
K6GSA	Jeff					X
K6QFO	Mike			X	X	
KC6ZKT	Steve	X	X	X		X
KF6EMB	Svend		X	X	X	X
KJ6CW	Jim		X			
KK6HPF	Ross		X	X	X	X
KK6VF	Kevin	NET	NET	NET	NET	NET
KN6FGH	Tim					X
KN6KHV	Scott	X	X		X	X
KN6KOZ	Ed		X			
KX6B	Dick	X	X	X	X	X
N6BTU	Wayne		X			X
NU6P	John			X		
W1MVY	Scott	X	X			
W6ESL	Tom		X	X	X	X
W6IA	Mark	X	X	X	X	X
W6MNL	Steve		X	X	X	
W6PGC	Pat					X
W6PK	Phil			X	X	X
W8RJL	Ron	X	X	X	X	X
WB6JHI	Steve		X			X
WB6KHP	Dave	X	X	X	X	X
WD9DD	Russ				X	X
WR3K	Greg	X		X	X	X
WR6Z	Dave		X	X		

New Members:
The following new members
joined WVARA recently:

Arthur Tan, AB4RL/6
Howard Pomerantz, KN6KWG
Scott Nacey, W1MVY
Steve Walch, W6MNL
Welcome!!!

2021 WVARA Board

President: Clay Couger, N5YJZ
Vice President: Jim Peterson, K6EI
Secretary: Mark Sayre, W6IA
Treasurer: Russ Blahetka, WD9DD
Past President: Bill Fehring, W9KKN

Directors:

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Steve Sergeant, KC6ZKT, 2020-2021
Dave Schultheis, WB6KHP, 2020-2021
Bobby Barnett, K0XI, 2021-2022
Svend Jensen, KF6EMB, 2021-2022
Kevin Smith, KK6VF, 2021-2022

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